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NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005

NEWS EXPRESS	OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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=> s (biodegradable or bioabsorbable) and (fibers or fibrous)
L1 14495 (BIODEGRADABLE OR BIOABSORBABLE) AND (FIBERS OR FIBROUS)

=> s l1 and composite#
L2 3823 L1 AND COMPOSITE#

=> s l2 and (different diameter#)
L3 69 L2 AND (DIFFERENT DIAMETER#)

=> s l3 and submicron
L4 7 L3 AND SUBMICRON

=> d l4 1-7 ibib abs

L4 ANSWER 1 OF 7 USPATFULL on STN

ACCESSION NUMBER:	2004:100800 USPATFULL
TITLE:	**Biodegradable** and/or **bioabsorbable** **fibrous** articles and methods for using the articles for medical applications
INVENTOR(S):	Chu, Benjamin, Setauket, NY, UNITED STATES Hsiao, Benjamin S., Setauket, NY, UNITED STATES Fang, Dufei, Painted Post, NY, UNITED STATES Brathwaite, Collin, Setauket, NY, UNITED STATES
PATENT ASSIGNEE(S):	The Research Foundation of State University of New York. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004076661	A1	20040422
APPLICATION INFO.:	US 2003-719290	A1	20031121 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2003-375329, filed on 27 Feb 2003, GRANTED, Pat. No. US 6689374 Division of Ser. No. US 2001-859007, filed on 16 May 2001, GRANTED, Pat. No. US 6685956

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET, NY, 11791
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Page(s)
LINE COUNT: 1447
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Biodegradable** and/or bioabsorable **fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable** and/or bioabsorable **fibrous** articles, which are formed by elctrospinning **fibers** of **biodegradable** and/or **bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable** and/or **bioabsorbable fibers**. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2003:324375 USPATFULL
TITLE: **BIODEGRADABLE** AND/OR **BIOABSORBABLE** **FIBROUS** ARTICLES AND METHODS FOR USING THE ARTICLES FOR MEDICAL APPLICATIONS
INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES
Hsiao, Benjamin S., Setauket, NY, UNITED STATES
Fang, Dufei, Painted Post, NY, UNITED STATES
Brathwaite, Collin, Setauket, NY, UNITED STATES
PATENT ASSIGNEE(S): The Research Foundation at State University of New York (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003228350	A1	20031211
	US 6689374	B2	20040210
APPLICATION INFO.:	US 2003-375329	A1	20030227 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2001-859007, filed on 16 May 2001, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET, NY, 11791
NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 1347
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Biodegradable** and/or bioabsorable **fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable** and/or bioabsorable **fibrous** articles, which are formed by elctrospinning **fibers** of **biodegradable** and/or **bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable** and/or **bioabsorbable fibers**. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:78115 USPATFULL

TITLE: Cell storage and delivery system

INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES
Hsiao, Benjamin S., Setauket, NY, UNITED STATES
Hadjiargyrou, Michael, Coram, NY, UNITED STATES
Fang, Dufei, Painted Post, NY, UNITED STATES
Zong, Xinhua, Centereach, NY, UNITED STATES
Kim, Kwangsok, Setauket, NY, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003054035	A1	20030320	
	US 6790455	B2	20040914	
APPLICATION INFO.:	US 2001-953114	A1	20010914	(9)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Ronald J. Baron, Esq., HOFFMANN & BARON, LLP, 6900 Jericho Turnpike, Syosset, NY, 11791

NUMBER OF CLAIMS: 64

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Page(s)

LINE COUNT: 1804

AB Cell storage and delivery systems and methods for storing and delivering viable cells to a mammal are disclosed. The cell storage and delivery systems include a **biodegradable** and/or **bioabsorbable** **fibrous** matrix physically associated with viable cells to contain and release the cells at a controlled rate. The **biodegradable** and/or **bioabsorbable** matrix can be formed by electrospinning **fibers** of **biodegradable** and/or **bioabsorbable** fiberizable material. The methods include methods for storing viable cells and for delivering viable cells to a mammal using the cell storage and delivery system.

L4 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:3540 USPATFULL

TITLE: Fabrication of vascularized tissue using microfabricated two-dimensional molds

INVENTOR(S): Vacanti, Joseph P., Winchester, MA, UNITED STATES
Borenstein, Jeffrey T., Holliston, MA, UNITED STATES
Pien, Homer, Andover, MA, UNITED STATES
Cunningham, Brian T., Lexington, MA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003003575	A1	20030102	
APPLICATION INFO.:	US 2002-200955	A1	20020722	(10)

RELATED APPLN. INFO.: Division of Ser. No. US 2000-560480, filed on 28 Apr 2000, GRANTED, Pat. No. US 6455311

	NUMBER	DATE	
PRIORITY INFORMATION:	US 1999-131930P	19990430	(60)
	US 1999-165329P	19991112	(60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Thomas J. Kowalski, FROMMER LAWRENCE & HAUG LLP, 745 Fifth Avenue, New York, NY, 10151

NUMBER OF CLAIMS: 16

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 6 Drawing Page(s)
LINE COUNT: 1210
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method and materials to create complex vascularized living tissue in three dimensions from a two-dimension microfabricated mold has been developed. The method involved creating a two dimensional surface having a branching structure etched into the surface. The pattern begins with one or more large channels which serially branch into a large array of channels as small as individual capillaries, then converge to one or more large channels. The etched surface serves a template within a mold formed with the etched surface for the circulation of an individual tissue or organ. Living vascular cells are then seeded onto the mold, where they form living vascular channels based on the pattern etched in the mold. Once formed and sustained by their own matrix, the top of the mold is removed. The organ or tissue specific cells are then added to the etched surface, where they attach and proliferate to form a thin, vascularized sheet of tissue. The tissue can then be gently lifted from the mold using techniques such as fluid flow and other supporting material, as necessary. The tissue can then be systematically folded and compacted into a three-dimensional vascularized structure. This structure can then be implanted into animals or paitents by directly connecting the blood vessels to flow into and out of the device. Immediate perfusion of oxygenated blood occurs, which allows survival and function of the entire living mass.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2002:308088 USPATFULL
TITLE: **Biodegradable** and/or **bioabsorbable** **fibrous** articles and methods for using the articles for medical applications
INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES
Hsiao, Benjamin S., Setauket, NY, UNITED STATES
Fang, Dufei, Painted Post, NY, UNITED STATES
Brathwaite, Collin, Setauket, NY, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002173213	A1	20021121	
	US 6685956	B2	20040203	
APPLICATION INFO.:	US 2001-859007	A1	20010516	(9)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET, NY, 11791
NUMBER OF CLAIMS: 113
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 1607
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB **Biodegradable** and/or bioabsorable **fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable** and/or bioabsorable **fibrous** articles, which are formed by elctrospinning **fibers** of **biodegradable** and/or **bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable** and/or **bioabsorbable fibers**. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2002:246586 USPATFULL
TITLE: Fabrication of vascularized tissue
INVENTOR(S): Vacanti, Joseph P., Winchester, MA, United States
PATENT ASSIGNEE(S): The General Hospital Corporation, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6455311	B1	20020924
APPLICATION INFO.:	US 2000-560480		20000428 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-131930P	19990430 (60)
	US 1999-165329P	19991112 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Weber, Jon P.
LEGAL REPRESENTATIVE: Kowalski, Esq., Thomas J., Leahy, Amy, Frommer Lawrence & Haug LLP
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1222
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed and claimed is a laminar structure. The laminar structure has multiple layers. Each layer has tissue and vasculature. The layers are abjacent. The vasculature is in three dimensions through the structure. The structure has connections for flow into and out of the vasculature. The structure can be implanted directly by connecting blood vessels to flow into and out of the vasculature.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 7 USPATFULL on STN
ACCESSION NUMBER: 96:79958 USPATFULL
TITLE: Immobilized metal colloids on dispersed polymer microspheres
INVENTOR(S): Siiman, Olavi, Davie, FL, United States
Burshteyn, Alexander, Hialeah, FL, United States
Cayer, Marilyn, Miami, FL, United States
PATENT ASSIGNEE(S): Coulter Corporation, Miami, FL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5552086		19960903
APPLICATION INFO.:	US 1993-118980		19930909 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1992-827347, filed on 29 Jan 1992, now patented, Pat. No. US 5248772, issued on 28 Sep 1993
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lovering, Richard D.
LEGAL REPRESENTATIVE: Kaye, Michelle A.
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 87 Drawing Figure(s); 24 Drawing Page(s)
LINE COUNT: 1147
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention describes stable colloidal polymeric particles of 0.2-5.0

microns size which are coated with a first aminodextran layer and a second metallic solid layer, The metal is coated by reduction of a metallic salt or complex by the aminodextran. The metal coated particles, which preferably are gold- or silver-coated polymeric microspheres, produce side scatter and forward shifts in flow cytometry applications that are in agreement with the theoretical shifts predicted for solid gold or silver spheres of similar size in flow cytometry applications,

CAS INDEXING IS AVAILABLE FOR THIS PATENT.